



Atty. Docket No. 520:37902X00  
Serial No.: 09/445,088

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Technology Center 2600

#10/B  
Rose  
11-5-02

Applicants: Yuichiro Nakaya et al.

Serial No.: 09/445,088

Filed: December 2, 1999

For: IMAGE ENCODING AND DECODING METHOD AND DEVICE

Art Unit: 2613

Examiner: Lee, Richard J.

AMENDMENT AFTER FINAL REJECTION UNDER 37 C.F.R. § 1.116

Assistant Commissioner for Patents  
Washington, D.C. 20231

October 29, 2002

Sir:

In response to the Office Action dated July 29, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend claims 1-4 and 22 as follows:

- Sub C1* → 1. (Twice Amended) A method of synthesizing an interframe predicted image of a current frame from a reference image comprising:
- a first step for calculating the values of motion vectors between said interframe predicted image and said reference image for four representative points at coordinates  $(i,j)$ ,  $(i+p,j)$ ,  $(i,j+q)$ ,  $(i+p,j+q)$  of said interframe predicted image (where  $i, j, p, q$  are integers, the horizontal and vertical components of the motion vectors of the representative points taking the values of integral multiples of  $1/k$  where  $k$  and the  $hk$  power of 2, and  $hk$  is a non-negative integer).

*Entered per Rose*

*11-26-02*

*B1  
cont*